Environmental Protection Agency

on the rear of the vehicle and one on each of two sides of the vehicle. Each label shall conform to the specifications of paragraph (a) of this section.

- (ii) In the case that an ILEV label of the proportions specified in paragraph (a)(1) of this section cannot be attached to the rear of the ILEV, the manufacturer or the manufacturer's agent shall attach to the rear of the vehicle an ILEV label of either of the following proportions:
- (A) The label shall consist of a white rectangular background, approximately 4 inches (10 centimeters) high by 24 inches (60 centimeters) wide, with "CLEAN AIR VEHICLE" printed in contrasting block capital letters at least 2.8 inches (7 centimeters) tall and 1.3 inches (3.3 centimeters) wide with a stroke width not less than 0.3 inches $(0.8\ {
 m centimeter}).$ In addition, the words "INHERENTLY LOW-EMISSION VE-HICLE" must be present in lettering no smaller than 0.6 inches (1.5 centimeters) high. Nothing shall be added to the label which impairs readability. Labels shall include a serialized identification number; or
- (B) The label shall consist of a white truncated-circular background, approximately 5 inches (12.5 centimeters) in diameter by 3.5 inches (8.8 centimeters) in height. The bottom edge of truncated-circular background shall be approximately 1 inch (2.5 centimeters) from the center. The acronym "ILEV" shall be printed on the label in contrasting block capital letters at least 1 inch (2.5 centimeters) tall and 0.8 inches (2.0 centimeters) wide with a stroke width not less than 0.3 inches (0.8 centimeters). In addition, the words "CLEAN AIR VEHICLE" must be present in lettering no smaller than 0.4 inches (1.0 centimeter) high. Nothing shall be added to the label which impairs readability. Labels shall include a serialized identification number.
- (d) Label removal. Fleet ILEV owners shall remove and dispose of the ILEV labels on a vehicle before selling or transferring ownership of an ILEV or offering it for lease (unless the ILEV is part of a daily rental fleet) or long-term loan. This provision shall not apply if the person who is receiving the vehicle demonstrates eligibility for ex-

panded TCM exemptions under the federal ILEV program as described in paragraph (b) of this section, or is otherwise qualified under state regulations which expressly expand ILEV label eligibility.

- (e) Label replacement. (1) The manufacturer shall make replacement ILEV labels available to the fleet owner of a qualifying ILEV to replace any ILEV label which has been lost or removed due to vehicle damage, repair, sale, or lease. The fleet owner's request shall include proof of ownership of the ILEV in question and proof of the fleet owner's eligibility for ILEV TCM exemptions, as outlined in paragraph (c) of this section. Each label shall be imprinted with the same serial number as initially assigned to the damaged/missing ILEV label(s) for that vehicle. Any portion of a damaged label remaining on the ILEV shall be removed from the vehicle and submitted with the request as proof of loss.
- (2) Upon receipt of the replacement ILEV label(s), the fleet owner shall attach the new ILEV label(s) only to the vehicle for which replacement ILEV label(s) were requested.

[58 FR 11901, Mar. 1, 1993, as amended at 61 FR 128, Jan. 3, 1996]

§ 88.313-93 Incentives for the purchase of Inherently Low-Emission Vehicles.

- (a) Administration. (1) The incentives granted to ILEVs provided in this section are not effective outside of nonattainment areas for which states are required to establish CFFV programs under section 246 of the CAA, unless specifically added by states for qualifying vehicles.
- (2) Incentives for purchasing ILEVs shall not be transferred between vehicles within the same fleet nor shall they be sold or traded.
- (3) No vehicle over 26,000 pounds (11,800 kilograms) GVWR shall be eligible for the following ILEV incentives.
- (b) Exemption from temporal TCMs. A fleet vehicle which has been certified and labeled as an ILEV according to the provisions of this section and which continues to be in compliance with applicable emissions standards and other ILEV program requirements shall be exempted from TCMs existing

40 CFR Ch. I (7-1-10 Edition)

Pt. 88, Subpt. C, Tables

for air quality reasons included in approved state implementation plans which restrict vehicle usage based primarily on temporal considerations, such as time-of-day and day-of-week exemptions.

(c) Exemption from high-occupancy vehicle lane restrictions. (1) A fleet vehicle which has been certified and labeled as an ILEV according to the provisions of §§ 88.311 and 88.312 and which continues to be in compliance with applicable emissions standards and other ILEV program requirements shall be exempt from TCMs which restrict a vehicle's access to certain roadway lanes based on the number of occupants in that vehicle, usually known as high-occupancy vehicle (HOV) lanes. These ex-

emptions shall not apply if they would create a clear and direct safety hazard.

(2) In a state containing a covered area, or areas, the governor may petition the Administrator for a waiver from the exemption from HOV lane restrictions for ILEVs for any section of HOV lane in the covered area(s) that can be shown to be congested primarily due to the operation or projected operation of ILEVs. The waiver application shall demonstrate the infeasibility of other means of alleviating HOV/CAV lane congestion, such as adding an additional HOV/CAV lane, further increasing vehicle occupancy requirements and reducing the use of the lane by noneligible vehicles.

TABLES TO SUBPART C OF PART 88

TABLE C94-1—FLEET CREDIT TABLE BASED ON REDUCTION IN NMOG. VEHICLE EQUIVALENTS FOR LIGHT-DUTY VEHICLES AND LIGHT-DUTY TRUCKS

Table C94–1.1—Credit Generation: Purchasing More Clean-Fuel Vehicles Than Required by the Mandate

NMOG	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	1.00	1.26	0.71	0.91	1.11
	1.20	1.54	1.00	1.26	1.56
	1.43	1.83	1.43	1.83	2.23

TABLE C94-1.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE

NMOG	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT 1≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW, ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	0.00	0.00	0.00	0.00	0.00
	0.20	0.29	0.29	0.34	0.45
	0.43	0.57	0.71	0.91	1.11

TABLE C94-1.3—CREDIT NEEDED IN LIEU OF PURCHASING A LEV TO MEET THE MANDATE

NMOG	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, ≤5750 ALVW
LEV	1.00	1.26	0.71	0.91	1.11

Pt. 88, Subpt. C, Tables

Environmental Protection Agency

Table C94–2—Fleet Credit Table Based on Reduction in NMOG+NO $_{\rm X}$. Vehicle Equivalents for Light-Duty Vehicles and Light-Duty Trucks

TABLE C94-2.1—CREDIT GENERATION: PURCHASING MORE CLEAN-FUEL VEHICLES THAN REQUIRED BY THE MANDATE

$NMOG\!+\!NO_{\mathrm{X}}$	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEVULEVZEV	1.00	1.39	0.33	0.43	0.52
	1.09	1.52	1.00	1.39	2.06
	1.73	2.72	1.73	2.72	3.97

TABLE C94-2.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE

NMOG+NO _X	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	0.00	0.00	0.00	0.00	0.00
	0.09	0.13	0.67	0.96	1.54
	0.73	1.34	1.40	2.29	3.45

TABLE C94-2.3—CREDIT NEEDED IN LIEU OF PURCHASING A LEV TO MEET THE MANDATE

NMOG+NO _X	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT ≤6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	1.00	1.39	0.33	0.43	0.52

TABLE C94–3—FLEET CREDIT TABLE BASED ON REDUCTION IN CARBON MONOXIDE. VEHICLE EQUIVALENTS FOR LIGHT-DUTY VEHICLES AND LIGHT-DUTY TRUCKS

TABLE C94-3.1—CREDIT GENERATION: PURCHASING MORE CLEAN-FUEL VEHICLES THAN REQUIRED BY THE MANDATE

со	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT ≤6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	1.00	1.00	1.00	1.00	1.00
	2.00	2.29	2.00	2.29	2.47
	3.00	3.59	3.00	3.59	3.94

TABLE C94-3.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE

со	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEVULEV	0.00	0.00	0.00	0.00	0.00
	1.00	1.00	1.00	1.00	1.00

Pt. 88, Subpt. C, Tables

40 CFR Ch. I (7-1-10 Edition)

TABLE C94–3.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE— Continued

со	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
ZEV	2.00	2.29	2.00	2.29	2.47

TABLE C94-3.3—CREDIT NEEDED IN LIEU OF PURCHASING A LEV TO MEET THE MANDATE

со	LDV, LDT ≤6000 GVWR, ≤3750 LVW	LDT ≤6000 GVWR, >3750 LVW ≤5750 LVW	LDT >6000 GVWR, ≤3750 ALVW	LDT >6000 GVWR, >3750 ALVW ≤5750 ALVW	LDT >6000 GVWR, >5750 ALVW
LEV	1.00	1.00	1.00	1.00	1.00

TABLE C94–4—FLEET CREDIT TABLE BASED ON REDUCTION IN NMHC+NO_X. VEHICLE EQUIVALENTS FOR HEAVY-DUTY VEHICLES—TABLE C94–4.1—CREDIT GENERATION: PURCHASING MORE CLEAN-FUEL VEHICLES THAN REQUIRED BY THE MANDATE

TABLE C94-5—FLEET CREDIT TABLE BASED ON REDUCTION IN CO. VEHICLE EQUIVALENTS FOR HEAVY-DUTY VEHICLES—TABLE C94-5.1—CREDIT GENERATION: PURCHASING MORE CLEAN-FUEL VEHICLES THAN REQUIRED BY THE MANDATE

NMHC+NO _X	Light	Medium	Heavy
	HDV	HDV	HDV
ULEVZEV	1.00	1.00	1.00
	1.87	1.87	1.87
	3.53	3.53	3.53

 CO
 Light HDV
 Medium HDV
 Heavy HDV

 LEV
 1.00
 1.00
 1.00

 ULEV
 2.00
 2.00
 2.00

 ZEV
 3.00
 3.00
 3.00

TABLE C94–4.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE

DATE			
	NMHC+NO _X	Light HDV	Medium HDV
LEV		0.00	0.00

0.87

2.53

0.87

2.53

ULEV

ZEV

TABLE C94–5.2—CREDIT GENERATION: PURCHASING A ULEV OR ZEV TO MEET THE MANDATE

СО	Light HDV	Medium HDV
LEVULEV	0.00 1.00 2.00	0.00 1.00 2.00

TABLE C94-4.3—CREDIT NEEDED IN LIEU OF PURCHASING A LEV TO MEET THE MANDATE

NMHC+NO _X	Light HDV	Medium HDV
LEV	1.00	1.00

TABLE C94-5.3—CREDIT NEEDED IN LIEU OF PURCHASING A LEV TO MEET THE MANDATE

CO	Light HDV	Medium HDV
LEV	1.00	1.00

[58 FR 11901, Mar. 1, 1993, as amended at 59 FR 50082, Sept. 30, 1994, 61 FR 128, Jan. 3, 1996]

PART 89—CONTROL OF EMISSIONS FROM NEW AND IN-USE NONROAD COMPRESSION-IGNI-TION ENGINES

Subpart A—General

Sec.

- 89.1 Applicability.
- 89.2 Definitions.
- 89.3 Acronyms and abbreviations.
- 89.4 [Reserved]
- 89.5 Table and figure numbering; position.
- 89.6 Reference materials.
- 89.7 Treatment of confidential information.

APPENDIX A TO SUBPART A—STATE REGULA-TION OF NONROAD INTERNAL COMBUSTION ENGINES

Subpart B—Emission Standards and Certification Provisions

- 89.101 Applicability.
- 89.102 Effective dates, optional inclusion, flexibility for equipment manufacturers.
 89.103 Definitions.
- 89.104 Useful life, recall, and warranty periods.
- 89.105 Certificate of conformity.
- 89.106 Prohibited controls.
- 89.107 Defeat devices.
- 89.108 Adjustable parameters, requirements.
- 89.109 Maintenance instructions and minimum allowable maintenance intervals.
- 89.110 Emission control information label.
- 89.111 Averaging, banking, and trading of exhaust emissions.
- 89.112 Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emission standards.
- 89.113 Smoke emission standard.
- 89.114 Special and alternate test procedures.
- 89.115 Application for certificate.
- 89.116 Engine families.
- 89.117 Test fleet selection.
- 89.118 Deterioration factors and service accumulation.
- 89.119 Emission tests.
- 89.120 Compliance with emission standards.
- 89.121 Certificate of conformity effective
- 89.122 Certification.
- 89.123 Amending the application and certificate of conformity.
- 89.124 Record retention, maintenance, and submission.
- 89.125 Production engines, annual report.
- 89.126 Denial, revocation of certificate of conformity.
- 89.127 Request for hearing.
- 89.128 Hearing procedures.
- 89.129 Right of entry.
- 89.130 Rebuild practices.

Subpart C—Averaging, Banking, and Trading Provisions

- 89.201 Applicability.
- 89.202 Definitions.
- 89.203 General provisions.
- 89.204 Averaging.
- 89.205 Banking.
- 89.206 Trading.
- 89.207 Credit calculation.
- 89.208 Labeling.
- 89.209 Certification.
- 89.210 Maintenance of records.
- 89.211 End-of-year and final reports.
- 89.212 Notice of opportunity for hearing.

Subpart D—Emission Test Equipment Provisions

- 89.301 Scope; applicability.
- 89.302 Definitions.
- 89.303 Symbols/abbreviations.
- 89.304 Equipment required for gaseous emissions; overview.
- 89.305 Equipment measurement accuracy/calibration frequency.
- 89.306 Dynamometer specifications and calibration weights.
- 89.307 Dynamometer calibration.
- 89.308 Sampling system requirements for gaseous emissions.
- 89.309 Analyzers required for gaseous emissions.
- 89.310 Analyzer accuracy and specifications.
- 89.311 Analyzer calibration frequency.
- 89.312 Analytical gases.
- 89.313 Initial calibration of analyzers.
- 89.314 Pre- and post-test calibration of analyzers.
- 89.315 Analyzer bench checks.
- 89.316 Analyzer leakage and response time.
- 89.317 NO_X converter check.
- 89.318 Analyzer interference checks.
- 89.319 Hydrocarbon analyzer calibration.
- 89.320 Carbon monoxide analyzer calibration.
- 89.321 Oxides of nitrogen analyzer calibration.
- 89.322 Carbon dioxide analyzer calibration.
- 89.323 NDIR analyzer calibration.
- 89.324 Calibration of other equipment.
- 89.325 Engine intake air temperature measurement.
- 89.326 Engine intake air humidity measurement.
- 89.327 Charge cooling.
- 89.328 Inlet and exhaust restrictions.
- 89.329 Engine cooling system.
- 89.330 Lubricating oil and test fuels.
- 89.331 Test conditions.
- APPENDIX A TO SUBPART D—TABLES APPENDIX B TO SUBPART D—FIGURES

Code a seek E. Fork arrest Englished E.

Subpart E—Exhaust Emission Test Procedures

89.401 Scope; applicability.